

# **ABSTRACT**

A method and system for reducing electromagnetic interference emanating from and existing within a network device is provided. A layer of foam having a high insertion loss in the range of electromagnetic interference generated by the network device is provided on at least a portion of an inner surface of the telecommunication device. Electromagnetic interference generated by the components of the device is at least partially absorbed by the foam. The foam may be applied to the inner surface of the chassis of the device, or it may be applied on or near a high speed integrated circuit chip, or both.